Name Date

Practice B

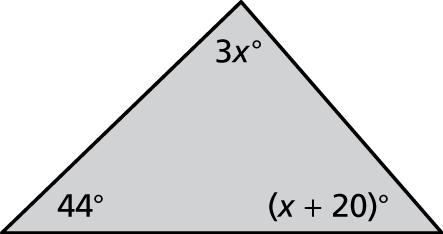
1.2

Solve the equation. Check your solution.

1.  2. 

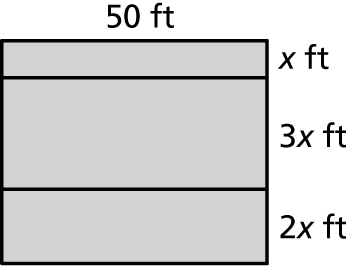
3.  4. 

5.  6. 

7. The sum of the measures of the interior angles 

of the triangle is  Write and solve an

equation to find the value of the variable.

8. A rectangular field has an area of 2100 square feet. The length   
of the field is 50 feet.

a. How wide is the field?

b. The field is divided into 3 rectangles, as shown. Write and   
solve an equation to find *x*.

c. Determine the dimensions of each rectangle.

9. You are researching the price of MP3 players. You found an average price of $58.80. One MP3 player costs $56 and another costs $62. Find the price of the third MP3 player.

10. The perimeter of a triangle is 42 inches. One side measures 18 inches. The shortest side measures *x* inches. The longest side measures 1 inch less than four times the length of the shortest side. Write and solve an equation to find the length of the longest side.

11. You order 4 fish sandwiches and a hamburger. The cost of the hamburger   
is $2.50. Your total bill before tax is $14.30. Write and solve an equation   
to find the cost of a fish sandwich.